

[54] **LOUD SPEAKER SYSTEM**

[75] Inventor: **Roy F. Allison**, Wayland, Mass.

[73] Assignee: **Allison Acoustics Inc.**, Natick, Mass.

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**Related U.S. Application Data**

[63] Continuation-in-part of Ser. No. 447,065, March 1, 1974, abandoned.

[52] **U.S. Cl.**..... **179/1 E; 181/144**

[51] **Int. Cl.<sup>2</sup>**..... **H04R 1/28**

[58] **Field of Search**..... **179/1 E; 181/144, 148, 181/155, 198, 147, 156**

**References Cited**

**UNITED STATES PATENTS**

2,731,101	1/1956	Klipsch.....	179/1 E
3,113,633	12/1963	Eberhardt et al. ....	179/1 GA
3,241,631	3/1966	Manieri.....	179/1 E
3,514,539	5/1970	Jespersen.....	179/1 E
3,627,948	12/1971	Nichols.....	179/1 E
3,670,842	6/1972	Ekdahl.....	179/1 E

**FOREIGN PATENTS OR APPLICATIONS**

1,012,505	12/1965	United Kingdom.....	179/1 E
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*Primary Examiner*—Douglas W. Olms

[57] **ABSTRACT**

A room audio speaker system for use in combination with at least one room boundary surface, the speaker comprising an enclosure having a closed end wall for placement closely adjacent the room boundary surface and a second wall extending away from the end wall and providing a front edge and a rear edge, the latter forming a boundary with the end wall. Direct radiator audio reproducer means are provided generally flush mounted generally parallel to a portion of the exposed surface of the second wall. The included angle between the end wall and that second wall portion is no more than about 90°. The distance along the second wall from the center of the reproducer means to the rear boundary edge is not more than one-half the smallest outside dimension of the second wall and the closed end wall is free from any audio reproducer means.

**14 Claims, 15 Drawing Figures**

